

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000101627 A

(43) Date of publication of application: 07 . 04 . 00

(51) Int. Cl

H04L 12/46

H04L 12/28

H04Q 7/34

H04L 12/56

H04Q 7/22

H04Q 7/28

(21) Application number: 10269326

(71) Applicant: NEC CORP

(22) Date of filing: 24 . 09 . 98

(72) Inventor: SASAMOTO YOSHIFUMI

(54) SYSTEM AND METHOD FOR COMMUNICATION FOR MOVING OBJECT

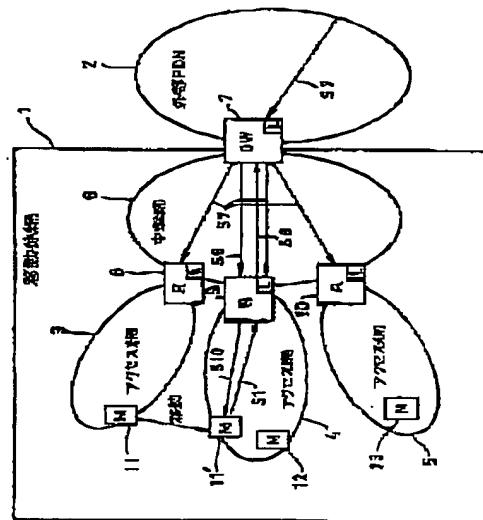
registration information.

COPYRIGHT: (C)2000,JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a communication system for a moving object with which distributed position management matching the distributed processing oriented architecture of connectionless communication is enabled.

SOLUTION: Plural routers (R)8-10 respectively have access networks 3-5 for mobile terminals under control. A gateway(GW) 7 performs interchange between these plural R and an external packet network 2 for connectionless communication. In response to a position register signal from mobile equipment on the access network under control, each R stores position registration information. In response to packet incoming from the packet network 2, the GW 7 sends out a search signal, stores the position registration information of the relevant terminal contained in response information into its own storage means and simultaneously transfers the incoming packet to the response router. Concerning the following intermittent incoming packets, the packet is transferred according to the stored position



BEST AVAILABLE COPY

